Buyers Guide | BTS 2009

Acer® AX3810-B3801A Desktop with 20" Widescreeen LCD Display

Acer® AX3810-B3801A Desktop

Multimedia Performer

Model	Acer® AX3810-B3801A Desktop
MSRP	$529.99
Ad Embargo	June 28, 2009

High Level Specifications

- Intel® Pentium® Processor E5200
  (Operates at 2.5GHz | 2MB L2 cache)
- Windows® Vista® Home Premium 64-bit with Service Pack 1
- Intel® G43 Express Chipset
- 4096MB DDR3 Memory
- Integrated Intel® GMA X4500 Graphics
- 320GB SATA Hard Drive
- 18X DVD+/-R/RW SuperMulti Drive Double-Layer drive featuring LabelFlash™ Technology
- Multi-in-One Digital Media Card Reader
- 56k ITU v.92 ready Fax/Modem (RJ-11 port)
- 9 - USB 2.0 Ports (5 Front, 4 Rear)
- 1 - HDMI™ Port
- 1 - IEEE 1394 Port
- 1 - eSATA Port
- Acer USB Keyboard
- USB Optical Mouse
- 20" Widescreen LCD

Selling Points

1 Multitasking Performance

Intel® Pentium® Processor provides multitasking performance with two processing cores so you can be more productive and take advantage of the latest software.

4GB Memory DDR3 memory delivers incredible system response to effortlessly play games, multitask and run the latest multi-threaded applications.

Windows Vista® Home Premium 64-bit edition with SP1 provides performance for gamers, media creators, and enthusiasts who use the most memory intensive programs and demand the most from their digital media.

2 Immersive Entertainment on 20" LCD Display

Expand your view with the **Acer 20" widescreen LCD display** providing greater productivity and viewing enjoyment in a thin design that saves room on your desk.

Integrated Intel® GMA X4500 graphics make the most of your visual experience with stunning visuals, beautiful video playback and excellent mainstream gaming performance.

Enjoy crystal clear HD audio in your home with **5.1-channel surround sound support**. **The HDMI port** extends high-quality visuals and high-fidelity audio to your big screen TV or external LCD through only a single cable connection.

3 Have Fun with Digital Media

Quickly transfer video, music and photos from your digital devices to your PC with the **Multi-in-One Digital Media Card Reader**, conveniently positioned for easy access. High speed **eSATA port** provides high-performance, cost-effective storage expansion.

High-speed **320GB hard drive** enables fast data transfers and plenty of space to store documents, photos and video.

Watch movies and burn home DVDs and CDs of your favorite music, digital photos and movies with the **SuperMulti Double-Layer drive.** With **LabelFlash™ Technology**, personalize your DVDs by laser burning unique, transparent images and text directly on the label side of discs**.**

Product Messaging

Taglines

Multimedia Performer

Positioning Statement

The Aspire® AX3810 Desktop offers complete multimedia fun at an affordable price. Boasting superior performance powered by an Intel® Pentium® processor, 4GB of memory, large 320GB hard drive, Windows Vista® Home Premium 64-bit and a vivid 20" Widescreen display, there's plenty of power to do some serious multitasking, get creative with digital media and stay productive.

Packaging and Documentation

Hardware Items
Acer USB Keyboard
USB Optical Mouse
Acer® 20" Widescreen LCD Display
AC Power Cord
Modem Cable
Documentation
Setup Poster
Registration / Limited Warranty Card
COA Label for Microsoft® Installed Software
Online Documentation
User's Guide

Processor
Intel® Pentium® Processor E5200
(Operates at 2.5GHz | 2MB L2 cache)[1]

Chipset
Intel® G43 Express Chipset

Memory
4096MB DDR3 SDRAM Memory[2]
(2 x 2048MB)
4 DDR3 Slots (Total) | 2 DDR3 Slot (Available)

Video
Integrated Intel® GMA X4500 Graphics[3]

Audio
High-Definition Audio with 5.1-Channel Audio Support
Built-in LCD Speakers

Hard Drive
320GB SATA Hard Drive[4]

Optical Drive
18X DVD+/-R/RW SuperMulti Drive Double-Layer drive featuring LabelFlash™ Technology[5]
Write max: 18X DVD+/R, 6XDVD-RW, 8X DVD+RW, 8X DVD +/-R DL, 12X DVD-RWM, 48X CD-R, 32 CD-RW
Read max: 16X DVD-ROM, 48X CD-ROM

Digital Media Card Reader
Multi-in-One Digital Media Card Reader
CompactFlash® (Type I and II), CF+™ Microdrive, MultiMediaCard (MMC), Reduced-Size MultiMediaCard (RS-MMC), Secure Digital™ (SD) Card, xD-Picture Card™, Memory Stick™, Memory Stick PRO™

Communications
56k ITU v.92 ready Fax/Modem (RJ-11 Port)[6]
10/100/1000 (Gigabit) LAN (RJ-45 Port)

Pallet Quantity
24 units per pallet

Limited Warranty
1 Year Parts and Labor Limited Warranty[7]

UPC
884483764198

Part Number
PV.SC10X.001

Interfaces
9 - USB 2.0 Ports (5 Front, 4 Rear)
1 - IEEE 1394 Port
1 - HDMI™ Port
1 - eSATA Port
1 - VGA Port
1 - Optical S/PDIF Port
2 - High-Definition Headphone and Microphone Jacks
2 - PS2 Ports (Keyboard and Mouse)
5 - Audio Jacks
1 - RJ-45 Ethernet Port
1 - RJ-11 Modem Port

Expansion Slots

PCI Slots	n/a
PCI Express x1 Slots	One PCI Express® X1 slot (occupied)
PCI Express x16 Slots	One PCI Express® X16 slot (available)

Expansion Bays

External 3.5 Bays	n/a
External 5.25 Bays	1 (occupied)
Internal 3.5 Bays	1 (occupied)
Internal 5.25 bays	n/a

Input Devices
Acer USB Keyboard
USB Optical Mouse

Case Design
Small Form Factor PC

Power Supply
220W

Dimensions (System)
10.7" (H) x 4.2" (W) x 15" (L)
271.78 (H) x 106.68 (W) x 381 (L) mm

Dimensions (Box)
14" (H) x 20" (W) x 24" (L)
355.6 (H) x 508 (W) x 609.6 (L) mm

Weights
12 lbs. | 5.4 kg (system unit only)
Approximately 38 lbs. | 17.2 kg (box)

Software
Windows® Vista® Home Premium 64-bit with Service Pack 1
Acer Recovery Management
Microsoft® Office Home and Student 2007 (60-day trial)
Microsoft® Works
Adobe® Acrobat® Reader
Acer Arcade Live
NTI Media Maker™
eSobi™
Google Toolbar™ and Desktop Search™
McAfee® Internet Security Suite 2008 (60-day trial)[8]

(1) Overall system performance is based on several PC attributes. GHZ, processor clock speed, is one of the attributes.

(2) Shared system memory may be allocated to support integrated graphics depending on system memory size and other factors. Actual system memory available to the operating system will be reduced by the amount of shard system memory utilized by the graphics solution and resources required by the operating environment.

(3) Shared system memory may be allocated to support integrated graphics, depending on system memory size and other factors. Actual system memory available to the operating system will be reduced by the amount of dedicated and shared system memory utilized by the graphics solution and resources required by the operating environment.

(4) 1 GB is 1 billion bytes. Actual formatted capacity is less and may vary depending on preloaded materials and operating environment. Acer eRecovery Management utilizes up to 8 GB (10 GB with Microsoft® Works 8.5 with Office Home and Student 2007 Trial) of the stated hard disk capacity as dedicated backup space.

(5) Read speeds up to: 24X CD - ROM, 24X CD - R, 24X CD - RW, 8X DVD - ROM, 8X DVD - R, 8X DVD+R, 6X DVD - ROM DL (double - layer), 6X DVD - R DL (double - layer), 6X DVD+R DL (double - layer), 6X DVD - RW, 6XDVD+RW, 5X DVD - RAM. Write speeds up to: 24X CD - R, 16X CD - RW, 8X DVD - R, 8X DVD+R, 4X DVD - R DL (double - layer), 4X DVD+R DL (double - layer), 6X DVD - RW, 8X DVD+RW, 5X DVD - RAM.

(6) 33.6 Kbps send/up to 53 Kbps download/14.4 Kbps fax. Actual speeds may vary depending on online conditions.

(7) For a free copy of the standard limited warranty end - users should see a reseller where Acer products are sold or write to Acer America Corporation, Warranty Department, P.O. Box 6137, Temple, TX 76503. TFT displays commonly exhibit a small number of discolored dots, so - called “nonconforming pixels.” This phenomenon is a limitation of TFT LCD technology, not a product defect and, as such, is not covered by the limited warranty or by the upgrade programs. For International travelers warranty Valid only in countries where Acer has an authorized repair facility. For a list of those countries go to http://global.acer.com/support/itw.htm. or call 800 - 816 - 2237. Services and response times may vary in countries outside the U.S. and Canada

(8) Internet access required. First 60 - days of live updates included, subscriptions required post 60 - days.

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Acer® 20" Widescreen LCD Display

P205H

Model	Acer® 20" Widescreen LCD Display

Move up to widescreen viewing with the Acer® P205H bmd LCD display with built-in speakers providing greater productivity and viewing enjoyment in a thin design that saves room on your desk. With features like 1600 x 900 resolution, 20000:1 contrast ratio and 5ms response time you will experience great picture quality with rich images and amazing detail. With VGA input, it is easy to connect to your PC and be up and running quickly. This Acer® 20" LCD also features DVI w/HDCP and is a great display for business, school work, home projects and entertainment with solid, and reliable performance that won't break your budget.

Selling Points

1 See More with Widescreen

View more content, work on multiple documents and enhance your viewing of digital media and documents on a 20" Widescreen display.

Experience great image detail when viewing documents and graphics with 1600 x 900 resolution

2 Crisp, Clear Images

High contrast ratio of 20000:1 and 300 cd/m2 brightness creates richer and deeper blacks and colors appear brighter and more life-like.

Fast 5ms response time makes moving images appear smooth and realistic.

3 Space Saving Design

The sleek, flat-panel design compliments any room and lets you see more without taking up valuable desktop space.

EnergyStar® Compliant requiring less power to operate.

Product Specifications

Viewable Area
20" viewable (diagonal)
442.8 x 249.075mm

Panel Type
LCD Active Matrix WXGA

Resolutions
1600 x 900 (native and maximum)
Vertical Frequency: 55-75 Hz
Horizontal Frequency: 30-80 KHz

Pixel Pitch
0.276mm

Brightness
300 cd/m2

Contrast Ratio
20000:1 Max (ACM)

Screen Treatment
Non-Glare

Response Time
5 ms

Colors
16.7 million

Viewing Angles
160º Left/Right, 160º Up/Down

User Controls
Power On/Off Button
On-Screen Display Menu Control Button

Signal Inputs
(1) Analog (VGA), (2) DVI w/HDCP
(3) PC Audio-in

Speakers
1W x 2 Built-in Speakers

Ports
AC Power Input

Electrical Requirements
Normal Operation: 28 Watts
Standby Mode: 0.75 Watts
Off: 0.75 Watts

High-Definition and Advanced Features
Certified for Windows Vista®

Agency Certifications
Energy Star®

Display Stand
Included. Adjustable tilt.

Mount
Compatible with VESA (100x100mm) mounting solutions

Dimensions (Display) - with Stand
18.8 (W) x 14.5 (H) x 7.5 (D) inches
478.0 (W) x 367.5 (H) x 190.5 (D) mm

Weights
9.3 lbs I 4.2 kg Display
12.3 lbs I 5.6 kg Gross Weight

Model Number
P205H bmd